



**NOTICE
GLENPOOL INDUSTRIAL AUTHORITY
REGULAR MEETING**

A Regular Session of the Glenpool Industrial Authority will be held at 6:00 p.m. immediately following the Glenpool Utility Service Authority meeting on May 1, 2023, at Glenpool City Hall, City Council Chambers, 12205 S. Yukon Ave., 3rd Floor, Glenpool, Oklahoma.

NOTE: The Glenpool Industrial Authority will be assembled for the meeting at the City Council Chambers, 12205 S. Yukon Ave, Glenpool, Oklahoma. Members of the public are invited to attend the in-person meeting, or join a live broadcast at this link:

Join Zoom Meeting

<https://us02web.zoom.us/j/89753555435?pwd=QzdFVjA1b0lKa1lSUFlKbUNrUUxtdz09>

Meeting ID: 897 5355 5435

Passcode: 974088

One tap mobile

+13462487799, US (Houston)

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Passcode: 974088

Find your local number: <https://us02web.zoom.us/j/89753555435?pwd=QzdFVjA1b0lKa1lSUFlKbUNrUUxtdz09>

The GIA Board welcomes comments from citizens of Glenpool who wish to address any item on the agenda.

- Speakers attending in **PERSON** are required to complete the Request to Speak form located on the agenda table and return to the City Clerk **PRIOR TO THE CALL TO ORDER.**
- Speakers attending via **ZOOM** are required to complete the Request to Speak form located on our website: <https://glenpoolonline.civicweb.net/document/19057/Request%20to%20Speak%20Form.pdf> and email it to the City Clerk: Wknight@cityofglenpool.com **PRIOR TO 6:00 PM, MAY 1, 2023.**

AGENDA

Page

- A) **Call to Order - Joyce G. Calvert, Chair**
- B) **Roll Call, Declaration of Quorum – Wendy Knight, Secretary; Joyce G. Calvert, Chair**
- C) **Trustee Comments**
- D) **Public Comments**
- E) **Consideration and appropriate action relating to a request for approval of the Consent Agenda. (All matters listed under "Consent" are considered by the GIA Board to be routine and will be enacted by one motion. Any Trustee may, however, remove an item from the Consent Agenda by request. A motion to adopt the consent Agenda is non-debatable.)**

- 1) Minutes from April 3, 2023, and April 17, 2023 meetings.

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[GIA - 03 Apr 2023 - Minutes - Html](#)

[GIA - 17 Apr 2023 - Minutes - Html](#)

F) **Consideration and appropriate action relating to items removed from the Consent Agenda**

G) **Scheduled Business**

- 1) Discussion and possible action to elect Chair, tabled from April 17, 2023 meeting.
(Joyce G. Calvert, Chair)
- 2) Discussion and possible action to elect Vice-Chair, tabled from April 17, 2023 meeting.
(Chair)
- 3) Discussion and possible action to approve, deny or amend the quote from Emergency Power Systems Inc., in the amount of \$38,582.42 for a new Kohler generator for the EMS building, to be funded from GL account number: 30-6-12-6333, Capital Purchases. 8 - 15
(Jesse Hale, Public Works Director)
[2023-05-01 GIA Purchase - Generator c quotes](#)
- 4) Discussion and possible action to approve, deny or amend Budget Amendment GIA-01, for Fiscal Year 2022-2023, to replace the generator at the EMS Building. 16
(David Tillotson, City Manager)
[Budget Amendment.GIA01.FYE23](#)

H) **Adjournment**

This notice and agenda was posted at Glenpool City Hall, 12205 S. Yukon Ave., Glenpool, Oklahoma, on April 28, 2023, by 11:30 am.

Signed: Wendy Knight

Secretary



MINUTES
GIA Meeting
Monday, April 3, 2023 Council Chambers 6:00 PM

TRUSTEES PRESENT: Joyce Calvert
Chris Brobst
Jacqueline Triplett-Lund

TRUSTEES ABSENT: Brandon Kearns
Tim Fox

STAFF PRESENT: David Tillotson
Susan White
Wendy Knight
Sarah Cage
Jeremy Plane

- A) Call to Order - Joyce G. Calvert, Chair**
Chair Calvert called the meeting to order at 6:39 p.m.
- B) Roll Call, Declaration of Quorum – Wendy Knight, Secretary; Joyce G. Calvert, Chair**
Wendy Knight called the roll, Chair Calvert declared a quorum present.
- C) Trustee Comments**
There were no Trustee comments.
- D) Public Comments**
There were no public comments.
- E) Consideration and appropriate action relating to a request for approval of the Consent Agenda. (All matters listed under "Consent" are considered by the GIA Board to be routine and will be enacted by one motion. Any Trustee may, however, remove an item from the Consent Agenda by request. A motion to adopt the consent Agenda is non-debatable.)**
- 1) Minutes from March 6, 2023 meeting.

Moved by Jacqueline Triplett-Lund, seconded by Chris Brobst

To approve the Consent Agenda.

	For	Against	Abstained	Absent
Joyce Calvert	x			
Brandon Kearns				x
Tim Fox				x
Chris Brobst	x			
Jacqueline Triplett-Lund	x			
	3	0	0	2

CARRIED.

[GIA - 06 Mar 2023 - Minutes - Html](#)

F) Consideration and appropriate action relating to items removed from the Consent Agenda

G) Scheduled Business

- 1) Discussion and possible action to approve, deny or amend increasing GIA's portion of the Employee & Child, Employee & Spouse, and Family Health Plans and GAP Plans to 90% of the total cost of the plan.
(David Tillotson, City Manager)

Moved by Chris Brobst, seconded by Joyce Calvert

To increase GIA's portion of the Employee & Child, Employee & Spouse, and Family Health Plans and GAP Plans to 95% of the total cost of the plan.

	For	Against	Abstained	Absent
Joyce Calvert	x			
Brandon Kearns				x
Tim Fox				x
Chris Brobst	x			
Jacqueline Triplett-Lund	x			
	3	0	0	2

CARRIED.

[Staff Report - Benefits Pay Adjustment](#)

H) Adjournment

Mayor Calvert declared the meeting adjourned at 6:40 p.m.



MINUTES
GIA Special Meeting
Monday, April 17, 2023 Council Chambers 6:00 PM

TRUSTEES PRESENT: Joyce Calvert
Brandon Kearns
Tim Fox
Chris Brobst
Jacqueline Triplett-Lund

STAFF PRESENT: David Tillotson
Susan White
Wendy Knight
Gerald Gilbert
Joe Wuest
David Agbetunsin
Matt Graves

- A) Call to Order - Joyce G. Calvert, Chair**
Chair Calvert called the meeting to order at 6:22 p.m.
- B) Roll Call, Declaration of Quorum – Wendy Knight, Secretary; Joyce G. Calvert, Chair**
Wendy Knight called the roll, Chair Calvert declared a quorum present.
- C) Trustee Comments**
There were no Trustee comments.
- D) Public Comments**
There were no public comments.
- E) Scheduled Business**
1) Discussion and possible action to elect Chair.
(Joyce G. Calvert, Chair)

Moved by Brandon Kearns, seconded by Chris Brobst

To table this item until May 1, 2023 meeting.

	For	Against	Abstained	Absent
Joyce Calvert	x			
Brandon Kearns	x			
Tim Fox	x			
Chris Brobst	x			
Jacqueline Triplett-Lund	x			
	5	0	0	0

CARRIED.

- 2) Discussion and possible action to elect Vice-Chair.
(Chair)

Moved by Brandon Kearns, seconded by Chris Brobst

To table this item until May 1, 2023 meeting.

	For	Against	Abstained	Absent
Joyce Calvert	x			
Brandon Kearns	x			
Tim Fox	x			
Chris Brobst	x			
Jacqueline Triplett-Lund	x			
	5	0	0	0

CARRIED.

F) Adjournment

Chair Calvert declared the meeting adjourned at 6:22 p.m.

City Of
Glenpool
Creating Opportunity

To: Honorable Chairman and Trustees, Glenpool Industrial Authority

From: Jesse Hale, Public Works Director

Subject: Backup Generator for EMS Building

In 2022, the generator at the EMS building failed. This 13kw unit is a typical unit used on houses in the area. Upon recommendation of several generator companies, a move from an air-cooled unit (current) to a water-cooled unit is appropriate for a building of this size and importance. It will run cooler, smoother, and quieter than its predecessor. The minimum water-cooled unit is 25kw. This increase in wattage gives us more available power during outages for future build out at this facility.

Recommendation:

Staff recommends purchasing the Generator and ATS from Emergency Power Systems, Inc. for \$38,582.42 using the 30-6-12-6333 Capital Purchases account.

Attached:

Quote from Emergency Power Systems, Inc
Quote from Energized Electric
Quote from Addco Electric



12205 S. Yukon, Glenpool, OK 74033 OFFICE: 918-322-5409 FAX: 918-209-4641

Mayor Joyce Calvert, Ward 3; Vice-Mayor Brandon Kearns, At-Large;

Tim Fox, Ward 1; Chris Brobst, Ward 2; Jacqueline Lund, Ward 4

City Manager David Tillotson, Assistant City Manager Susan White, City Clerk Wendy Knight

www.glenpoolonline.com



**Emergency
Power
Systems
Inc.**

**GENERATORS
SWITCHGEAR
RENTAL**

2959 W 21st Street
TULSA, OKLAHOMA 74107
(918)446-0404, Fax (918)446-2411
E-mail sales@epstulsa.com
Web Page www.EPSTulsa.com

**SALES
SERVICE
FABRICATION**

March 8, 2023

Quote No.: EPS3425A

City of Glenpool
Jesse Hale
12205 S. Yukon Ave.
Glenpool, OK 74033



Cell: (918) 807-8851
E-mail: JHale@CityofGlenpool.com

Mercy Regional EMS: New 25KW, Natural Gas, 120/240 Volt, 1 Phase 105 Amp, Sound Attenuated Weather Resistant Enclosure Genset and 200 Amp 2 Pole Solid Neutral NEMA 3R Enclosure Automatic Transfer Switch.

Emergency Power System, Inc. is pleased to quote the following New Standby Power System. This system as proposed will be equipped with the following standard and optional equipment.

KOHLER POWER SYSTEM

Model Number 25CCL, 25KW, 120/240 Volt, Single Phase, 105 Amps Standby
Engine Kohler Natural Gas Fueled 2.2 Liter IL4 Cylinder 63.9HP
Electronic Governor

Dry type filters

Vibration isolators between engine-generator and skid

Oil and coolant drain extended to Genset base rail

Unit mounted Radiator with shell and fan guard

12 Volt starter and alternator

Starting batteries with cables and mounting tray

Battery charger 6 amp, 120V 1Ø

500 Watt Block Heater, 120V 1Ø

Sound Attenuated Weather Resistant Aluminum Enclosure with Internal Critical Grade Silencer

125Amp 100% rated, thermal magnetic, shunt trip main line circuit breaker mounted in connection box



Generator 1800 RPM Brushless type excitation, 60 Hz, single phase, 120/240 volt, solid state voltage regulator, thermal overload protection, Class H insulation, direct flex disc drive, 4 Lead.

KOHLER APM402 DIGITAL CONTROL PANEL - NFPA 110, LEVEL 1

Hardware Features

- Emergency stop switch
- Backlit LCD digital display with two lines of 12 characters
(see *User Interface Displays for menus*)
- Alarm horn indicates generator set shutdown and warning faults
- Environmentally sealed membrane keypad with three master control buttons with lights
 - Off/Reset (red)
 - Auto (green)
 - Run (yellow)
- Pushbutton/rotary selector dial for menu navigation
 - Rotate dial to access main menus
 - Push dial and rotate to access sub menus
 - Press dial for 3 seconds to return to top of main menu
- Annunciator fault light
 - System shutdown (red)
 - System warning (yellow)
- Alarm silence/lamp test button
 - Alarm silence
 - Lamp test
- USB and RS-485 connections
 - Allows software upgrades
 - Provides access for diagnostics
 - PC communication using SiteTech or Monitor III software
- Dedicated user inputs
 - Remote emergency stop switch
 - Remote 2-wire start for transfer switch
 - Auxiliary shutdown
- Integrated hybrid voltage regulator
- Auto-resettable circuit protection mounted on circuit board.
- One relay output standard. Optional five relay output available.
- One analog and three digital inputs standard. Optional two inputs available.

NFPA 110 Features and Faults

- Engine functions:
 - Overcrank
 - Low coolant temperature warning
 - High coolant temperature warning
 - High coolant temperature shutdown
 - Low oil pressure shutdown
 - Low oil pressure warning
 - High engine speed
 - Low fuel (level or pressure)
 - Low coolant level

- EPS supplying load
- High battery voltage
- Low battery voltage
- General functions:
 - Master switch not in auto
 - Battery charger fault
 - Lamp test
 - Contacts for local and remote common alarm
 - Audible alarm silence button
 - Remote emergency stop

Controller Features

- **AC Output Voltage Regulator Adjustment.** The voltage adjustment provides a maximum of $\pm 10\%$ of the system voltage.
- **Alarm Silence.** The controller can be set up to silence the alarm horn only when in the AUTO mode for NFPA-110 application or Always for user convenience.
- **Alternator Protection.** The controller provides generator set overload and short circuit protection matched to each alternator for the particular voltage/phase configuration.
- **Automatic Restart.** The controller automatic restart feature initiates the start routine and recrank after a failed start attempt.
- **Common Failure Relay.** This relay is integrated on the controller circuit board. Contacts are rated 2 amps at 32 VDC or 0.5 amp at 120 VAC.
- **Communication.** Controller communication is available.
- **Cyclic Cranking.** The controller has programmable cyclic cranking.
- **ECM Diagnostics.** The controller displays engine ECM fault code descriptions to help in engine troubleshooting.
- **Engine Start Aid.** The starting aid feature provides control for an optional engine starting aid.
- **Event Logging.** The controller keeps a record (up to 1000 entries) for warning and shutdown faults. This fault information becomes a stored record of system events and can be reset.
- **Historical Data Logging.** Total number of generator set successful starts is recorded and displayed.
- **Integrated Hybrid Voltage Regulator.** The voltage regulator provides $\pm 0.5\%$ no-load to full-load regulation with three-phase sensing.
- **Lamp Test.** Press the alarm silence/lamp test button to verify functionality of the indicator lights.
- **LCD Display.** Adjustable contrast for improving visibility.
- **Measurement Units.** The controller provides selection of English or metric displays.
- **Power Metering.** Controller digital display provides kW and kVA.
- **Programming Access (USB).** Provides software upgrades and diagnostics.
- **Remote Reset.** The remote reset function resets faults and allows restarting of the generator set without going to the master control switch off/reset position.
- **Remote Monitoring Panel.** The controller is compatible with the Kohler Remote Serial Annunciator.
- **Run Time Hourmeter.** The generator set run time is displayed.
- **Time Delay Engine Cooldown (TDEC).** The TDEC provides a time delay before the generator set shuts down.

- **Time Delay Engine Start (TDES).** The TDES provides a time delay before the generator set starts.
 - **Voltage Selection Menu.** This menu provides the capability of quickly switching controller voltage calibrations. Requires initial activation using SiteTech software.
- NOTE:** Generator set output leads require voltage reconnection.

Remote Alarm Annunciator
Operation & Maintenance Manuals

5 Year or 2000 Hour Limited Warranty from the date of initial startup.

KOHLER AUTOMATIC TRANSFER SWITCH

Model KSS-AFNC-0200S

- 200 Amps @ 120/240 VAC, 1Ph, 2 Pole Solid Neutral 60 HZ
- Decision-Maker® MPAC 1200 Microprocessor Controller with Digital LCD Display
- Nema 3R Enclosure for Installation outdoors
- Inphase Monitor (controls transfer between two energized sources within +/- 5°)
- Line-to-Neutral Voltage Monitoring
- Logic Disconnect Switch (allows controller maintenance without disrupting facility power)
- 2-Year unlimited hour Comprehensive warranty from the date of initial startup

Deliver New Generator & Automatic Transfer Switch
Provide Crane and Set New Generator on existing Concrete Pad
Installation, Electrical Connections, Extend Gas Line and Mechanical (NG) Connections.
Start and Commission New Generator and ATS

Electrical Equipment, Material, Connections and Installation

Provide labor and materials to complete the following scope of work:

Permits and Inspections.

Install ATS near the 200amp disconnect.

Install conduit path from disconnect to ATS.

Intercept conduit from disconnect to load panel and install junction box.

Install conduit from junction box to ATS.

Install and terminate wiring from disconnect to ATS.

Install, Splice, and terminate wiring from junction box to ATS.

Install conduits from generator to ATS, Alarm Annunciator, and to load panel.

Install and terminate wiring from generator to load panel for aux circuits.

Install and terminate wiring from generator to ATS for AC feeders and DC controls.

Install and terminate wiring from generator to alarm annunciator.

Test system for proper operation.

Notes & Exclusions:

- All work to be done during normal business hours.
- Price does not include any fire alarm, voice/data or control work.
- Excludes bonding.
- Excludes all prevailing wage requirements.
- Excludes all overtime.

This price includes genset & automatic transfer switch, delivery, electrical, mechanical, installation and start-up inspection & test by one of our factory authorized service technicians. It does not include concrete pad and any applicable taxes. This system can be delivered in 37 to 38 weeks after receipt of firm purchase order.

Your price for this system is as follows: **Total Price: \$38,582.42**

Customer Authorization: _____ Date: _____

Terms and Conditions

Clarifications, Exceptions:

NOTE: 25CCL overall dimensions are approximately 89.8"L x 32.9"W
x 45.7"H, 1,400 Lbs.

25CCL Natural Gas usage at a 100% Load is 377CFH. Gas pressure at
the 1" NPTF Generator Inlet needs to be 7-11 Inches of Water.

Quotation Terms and Conditions:

- Payment by credit card will be subject to a 4% convenience fee in addition to the quoted amount.
- Pricing is firm for order(s) received within 30 days of quotation date. Material escalation fees may be applicable beyond 30 days of quotation date. State and local taxes, which may be applicable, are not included in this quotation. Payment terms are net 30 days with approved credit.
- EPS will progress bill for major materials upon receipt by EPS, and for work as completed throughout the duration of the project.
- EPS will invoice for equipment upon delivery and project phases as completed.
- Project cancellation charges will be a minimum of, but not limited to, 15% of the total project value.
- Delivery is estimated as **above** after order is released for production and contingent upon receipt of approved submittals and receipt of written purchase order.
- Operations and Maintenance Manual quantity is listed above. Additional Manuals are available at \$100.00 each.
- All pricing quoted is contingent upon your acceptance of delivery at job site or other designated location within 30 days of our stated manufacturer's ship date. Equipment held for more than 30 days may be subject to storage charges based on the total project value.
- **Quoted equipment is based on the supplied equipment specification IF ANY, exceptions to specifications are as noted.**
- **Any additional requirements listed in local codes, general specifications or other sources are not included with this quotation.**
- Any additional service time is available at our published field service rates.

Thank You for this opportunity to quote. If you have any questions, please contact Ron Haynes at 918-446-0404 or rhaynes@epstulsa.com.

Sincerely,

Ron Haynes

Energized Electric Inc.
P.O. Box 1223
Owasso, OK 74055



City Of Glenpool
ATTN: Jeff Wallen

Electrical Proposal

Bid # 02883

Bid Date 10/10/2022

Item	Description	Unit Price	Quantity	Amount
Product	Koler 30 RCLA Generator	20339.99	1.00	20,339.99
Product	200 Amp ATS	1368.99	1.00	1,368.99
Service	Electrical Service	5200.00	1.00	5,200.00
Service	Gas Services	1800.00	1.00	1,800.00
Service	Site Prep/ Setting / Startup	1200.00	1.00	1,200.00
Service	Disconnect / Haul Off	800.00	1.00	800.00
Service	A/C Delay on startup	1000.00	1.00	1,000.00
NOTES: This proposal is for a turnkey installation of (1) new 30Kv Generator on the city owned building located on the southwest corner of West 145th ST S and S Broadway ST. in Glenpool OK. This Proposal is good for 30 days and subject to change thereafter.				
Subtotal				31,708.98
Total				31,708.98
Amount Paid				0.00
Bid				\$31,708.98



10/26/22

City of Glenpool
12205 S Yukon Ave
Glenpool, Ok 74033

RE: Generator at fire station

Jeff,

Thank You for meeting me at the fire station to look at installing the new generator. Addco Electric will provide all needed tools, equipment, and materials to install a new 100- amp circuit to provide uninterrupted power to the facility. The proposal includes necessary demo of existing equipment but owner will retain old generator. We will provide a lift to set the generator if needed.

I am providing an estimate for a total turn key package or just the wiring as requested.

The wiring only would run \$4565.00

The total package with a 20 KW genset, 200-amp Cummins transfer switch, and required wiring would run \$25,927.00 Add 2500.00 for a Cummins OTEC 225-amp transfer switch with a communications network capability.

The total package with a 25 KW genset, a Cummins 200-amp transfer switch and required wiring would run \$27,862.50 Add 2500.00 for a Cummins OTEC 225-amp transfer switch with a communications network capability.

Both generators and transfer switches carry a 2-year Cummins warranty, annunciator panel mount with enclosure, freight to jobsite, field service inspection, startup, commissioning, testing for proper operation and system instruction for site personnel.

Feel free to contact me if you need further information.

Thank You
Neil Roberts
Addco Electric

*Ambulance Bldg
Quote*

Addco Electric, Inc.
918-438-3359

City of Glenpool
Budget Amendment

Fiscal Year: 2022-2023
Amendment No: GIA 01
Date Requested: 27-Apr-23

REVENUE					EXPENSES				
Fund	Account Number	Acct Name	Increase/(Decrease)	New Budget Amount	Fund	Account Number	Acct Name	Increase/(Decrease)	New Budget Amount
30	30-5-00-5409	TSF FROM FUND BALANCE	\$ 38,600.00	\$ 38,600.00	30	30-6-12-6333	CAPITAL PURCHASES	\$ 38,600.00	\$ 38,600.00
Total:			\$ 38,600.00		Total:			\$ 38,600.00	

Notes:
Generator for EMS Building

Approved by the City of Glenpool:

Mayor

Date